

**Notice of Allowability**

Application No.

10/730,175

Examiner

Carlos Lopez

Applicant(s)

XUN ET AL.

Art Unit

1731

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/16/07.
2. ☒ The allowed claim(s) is/are 26-45.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 2/16/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bruce Watson on 2/16/07.

The application has been amended as follows:

26. (Currently Amended) A method of fabricating a glass sheet comprising:

drawing molten glass from a root of a glass fabricating apparatus to form a glass sheet, wherein a temperature of the glass sheet during the drawing traverses a glass transition temperature range;

cooling the glass sheet at a first cooling rate between about 6°C/in and 15°C/in while the temperature of the glass sheet is greater than the glass transition temperature range, of the sheet;

cooling the glass sheet at a second cooling rate between about 4°C/in and 10°C/in while the temperature of the glass sheet is within the glass transition temperature range of the sheet; and

cooling the glass sheet at a third cooling rate between about 2°C/in and 5°C/in after the second cooling rate and the temperature of the glass sheet is within the glass

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transition temperature range of the sheet, **wherein said cooling rates are defined as the change in temperature per inch traveled by the glass sheet during the draw.**

33. (Currently Amended) A method of fabricating a glass sheet comprising:  
drawing molten glass from a root of a glass fabricating apparatus to form a glass sheet;  
cooling the glass sheet at a first cooling rate between about 6°C/in and 15°C/in while the temperature of the glass sheet is greater than about 850°C;  
cooling the glass sheet at a second cooling rate between about 4°C/in and 10°C/in while the temperature of the glass sheet is between about 850°C and 650°C;  
and cooling the glass sheet at a third cooling rate between about 2°C/in and 5°C/in after the second cooling rate and while the temperature of the glass sheet is between about 850°C and 650°C **wherein said cooling rates are defined as the change in temperature per inch traveled by the glass sheet during the draw.**

38. (Currently Amended) A method of fabricating a glass sheet comprising:  
drawing molten glass from a root of a glass fabricating apparatus to form a glass sheet;  
cooling the glass sheet at a first cooling rate between about 6°C/in and 15°C/in within a first region of the sheet extending at least about 10 inches to about 15 inches from the root;

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cooling the glass sheet at a second cooling rate between about 4°C/in and 10°C/in within a second region of the sheet extending at least about 10 inches below the first region; and

cooling the glass sheet at a third cooling rate between about 2°C/in and 5°C/in within a third region of the sheet extending about 15 inches below the second region, **wherein said cooling rates are defined as the change in temperature per inch traveled by the glass sheet during the draw.**

#### REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: the primary reason for allowance is that the cited prior art fails to disclose or reasonably suggest a method of making a glass sheet having the claimed cooling rates within a corresponding temperature of the glass or the claimed cooling rates within a corresponding location of the glass from the root.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlos Lopez whose telephone number is 571.272.1193. The examiner can normally be reached on Mon.-Fri. 8am - 5pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Griffin can be reached on 571.272.1189. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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